
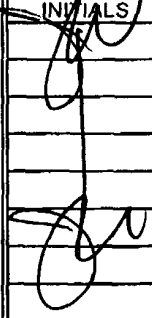
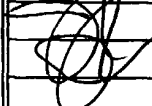
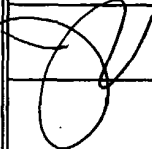
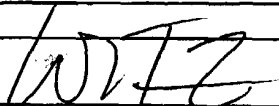
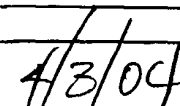


LIST OF PRIOR ART CITED BY APPLICANT (PTO-1449)				ATTY. DOCKET NO. CI-0005		APPLN. SERIAL NO. 09/960,705	
<div style="text-align: center;">  </div>				APPLICANT(S) Wilson BURGESS, William N. DROHAN, Martin J. MACPHEE, David M. MANN and Dawson BEALL			
				FILING DATE September 24, 2001		GROUP 1761	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE	
	3,962,038	06/08/76	KAWASHIMA et al.	195	68	04/10/74	
	4,894,253	01/16/90	HEINEMAN et al.	427	36	08/08/88	
	5,002,766	03/26/91	RANSBERGER et al.	424	94.2	09/23/88	
	5,965,349	10/12/99	LIN et al.	435	2	03/17/97	
	5,958,669	09/28/99	OGLE et al.	435	1.1	05/02/97	
	5,911,951	06/15/99	GIRARDOT et al.	422	28	02/09/98	
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	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS		
U.S. PATENT APPLICATIONS							
	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS		
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No	
	JP 408098688A	04/16/96	Japan			Abs	
	WO 00/52031	09/08/00	PCT				
OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)							
	P.V. Kapanin et al., "Feasibility of liposome cryoradiation sterilization," Khimiko-Farmatsevticheskii Zhurnal, 1988, Vol. 22(4), Abstract, pp. 479-82.						
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FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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	WO 97/17435	05/15/97	PCT				
	0 308 238 A1	03/22/89	EPO				

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	International Search Report.

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	6,346,216 B1	02/12/02	KENT	422	22	05/15/00
	6,312,931 B1	11/06/01	O'DWYER et al.	435	173.1	02/11/00
	6,358,284 B1	03/19/02	FEARNOT et al.	623	23.72	06/02/99
	6,375,989 B1	04/23/02	BADYLAK et al.	424	551	06/10/99
	6,384,419 B1	05/07/02	PURPLE	250	526	03/30/00
	6,461,630 B1	10/08/02	TUCKER et al.	424	423	11/30/99
	6,485,723 B1	11/26/02	BADYLAK et al.	424	93.7	05/08/00
	4,877,866	10/31/89	RUDNICK et al.	530	387	11/18/87
	6,383,810 B2	05/07/02	FIKE et al.	435	384	02/13/98

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	US2002/ 0064807 A1	04/30/02	BADYLAK et al.	435	34	11/14/01
	US2002/ 0106394 A1	08/08/02	TUCKER et al.	424	423	09/18/01
	US2002/ 0188319 A1	12/12/02	MORRIS et al.	606	213	06/10/02
	US2003/ 0068815 A1	04/10/03	STONE et al.	435	325	05/17/02
	US2001/ 0049141 A1	12/06/01	FIKE et al.	435	384	02/13/98

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	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	

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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
	EP0808167 B1	06/05/02	EPO				
	EP0820301 B1	07/24/02	EPO				
	WO 00/28552	05/18/00	PCT				

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Robert J. Woods, "Food Irradiation," Endeavor, New Series, Vol. 18, No. 3, 1994, pp. 104-108.

A. Dziedzic-Goclawski et al., "Sterilisation of Tissue Allografts," Advances in Tissue Banking, Vol. 1,
pp. 261-321.M.J. Goertzen et al., "Sterilisation of Canine Anterior Cruciate Allografts by Gamma Irradiation in
Argon," Journal of Bone and Joint Surgery (Corrections), Vol. 77-B, No. 2, March 1995, pp. 205-212.

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Robert J. Woods, "Food Irradiation," Endeavor, New Series, Vol. 18, No. 3, 1994, pp. 104-108.

A. Dziedzic-Goclawska et al., "Sterilisation of Tissue Allografts," Advances in Tissue Banking, Vol. 1, pp. 261-321.

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	4,994,237	02/19/91	LOGIN et al.	422	21	11/13/89	
	6,383,732 B1	05/07/02	STONE	435	1.1	06/01/00	
	4,727,027	02/23/88	WIESEHAHN et al.	435	173	10/07/85	
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EXAMINER				DATE CONSIDERED 4/3/04			

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*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
	A1	RE 23,195	02/1950	Arno Brasch			
	A2	2,832,689	04/1958	Bernard E. Proctor et al.			
	A3	2,920,969	01/1960	E.S. Stoddard			
	A4	2,962,380	11/1960	J.H. Wertheim			
	A5	3,620,944	11/1971	Keiko Tanito			
	A6	3,743,480	07/1973	John D. Falk			
	A7	3,779,706	12/1973	Nablo			
	A8	4,136,094	01/1979	Condie			
	A9	4,251,437	02/1981	Rasmussen et al.			
	A10	4,282,863	08/1981	Beigler et al.			
	A11	4,330,626	05/1982	Blair et al.			
	A12	4,370,264	01/1983	Kotitschke et al.			
	A13	4,409,105	10/1983	Hayashi et al.			
	A14	4,472,840	09/1984	Jefferies			

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*EXAMINER'S INITIALS	CITE NO.	*PATENT APPLN. PUB. NO.	*PUBLICATION DATE	*APPLICANT	CLASS	SUBCLASS	FILING DATE
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*EXAMINER'S INITIALS	CITE NO.	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	
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FOREIGN PATENT DOCUMENTS

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*PUBLICATION DATE	*COUNTRY	CLASS	SUBCLASS	Translation	
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	D1	2,056,619	10/1991	Canada				
	D2	310 316	04/1989	Europe				
	D3	334 679	09/1989	Europe				
	D4	919 198 A2	06/1999	Europe (Abstract)			X	
	D5	919 198 A3	06/1999	Europe (Abstract)			X	

OTHER ART

*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
	E1	AABB FDA Liaison Meeting, ABC Newsletter, p. 14 (December 12, 1997)
	E2	Alladine, M.F. et al., γ -Radiation Damage to Starr-Edwards Valves, The Lancet, 1:594 (1968)

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*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
[Signature]	A15	4,620,908	11/1986	Van Duzer			
	A16	4,784,850	11/1988	Abraham			
	A17	4,798,611	01/1989	Freeman Jr.			
	A18	4,865,602	09/1989	Smestad et al.			
	A19	4,933,145	06/1990	Uchida et al.			
	A20	4,946,648	08/1990	Dichtelmüller et al.			
	A21	4,963,356	10/1990	Calenoff et al.			
	A22	5,000,951	03/1991	Bass et al.			
	A23	5,012,503	04/1991	Nambu et al.			
	A24	5,106,619	04/1992	Wiesehahn et al.			
[Signature]	A25	5,134,295	07/1992	Wälischmiller			

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*EXAMINER'S INITIALS	CITE NO.	*PATENT APPLN. PUB. NO.	*PUBLICATION DATE	*APPLICANT	CLASS	SUBCLASS	FILING DATE
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U.S. PATENT APPLICATIONS

*EXAMINER'S INITIALS	CITE NO.	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	
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FOREIGN PATENT DOCUMENTS

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*PUBLICATION DATE	*COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
[Signature]	D6	11-216147	08/1999	Japan (Abstract)			X	
	D7	1321420-A	07/1987	Soviet Union (Abstract)			X	
	D8	WO 90/00907	02/1990	PCT Int'l				
	D9	WO 91/16060	10/1991	PCT Int'l				
[Signature]	D10	WO 95/03071	02/1995	PCT Int'l				

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*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
[Signature]	E3	Alper, T. et al., Protection by Anoxia of the Scrapie Agent and some DNA and RNA Viruses Irradiated as Dry Preparations, J. Gen. Virol., 3:157-166 (1968)
	E4	Alper, T. et al., Does the Agent of Scrapie Replicate Without Nucleic Acid?, Nature, 214:764-766 (1967)

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*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
	A26	5,185,371	02/1993	Rubinstein			
	A27	5,226,065	07/1993	Held et al.			
	A28	5,283,034	02/1994	Okrongly et al.			
	A29	5,362,442	11/1994	Kent			
	A30	5,418,130	05/1995	Platz. et al.			
	A31	5,460,962	10/1995	Kemp			
	A32	5,510,122	04/1996	Sreebny et al.			
	A33	5,548,066	08/1996	Leneau et al.			
	A34	5,603,894	02/1997	Aikus et al.			
	A35	5,609,864	03/1997	Shanbrom			
	A36	5,637,451	06/1997	Ben-Hur et al.			
	A37	5,643,464	07/1997	Rhee et al.			

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*EXAMINER'S INITIALS	CITE NO.	*PATENT APPLN. PUB. NO.	*PUBLICATION DATE	*APPLICANT	CLASS	SUBCLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*PUBLICATION DATE	*COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
	D11	WO 00/25839	03/2000	PCT Int'l (Abstract)			X	
	D12	WO 01/08611A1	02/2001	PCT Int'l (Abstract)			X	
	D13	WO 01/12318A1	02/2001	PCT Int'l				
	D14	WO 01/32107A2	05/2001	PCT Int'l (Abstract)			X	
	D15	WO 01/32110A2	05/2001	PCT Int'l (Abstract)			X	

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*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
	E5	Alper, T. et al., The Exceptionally Small Size of the Scrapie Agent, Biochemical and Biophysical Research Communications, 22:278-284 (1966)
	E6	Alper, T. et al., The Scrapie Agent: Evidence Against its Dependence For Replication on Intrinsic Nucleic Acid, J. Gen. Virol., 41:503-516 (1978)
	E7	Akkus, O. et al., Fracture Resistance of Gamma Radiation Sterilized Cortical Bone Allografts, J. Orthopaedic Research, 19:927-934 (2001) (Elsevier Science Ltd.)

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*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
[Signature]	A38	5,712,086	01/1998	Horowitz et al.			
	A39	5,730,933	03/1998	Peterson			
	A40	5,817,528	10/1998	Böhm et al.			
	A41	5,837,313	11/1998	Ding et al.			
	A42	5,881,534	03/1999	Ahlqvist et al.			
	A43	5,981,163	11/1999	Horowitz et al.			
	A44	5,986,168	11/1999	Noishiki			
	A45	5,989,498	11/1999	Odland			
[Signature]	A46	6,046,024	04/2000	Burton et al.			
	A47	6,049,025	04/2000	Stone et al.			
	A48	6,066,626	05/2000	Yew et al.			

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U.S. PATENT APPLICATIONS

*EXAMINER'S INITIALS	CITE NO.	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	
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FOREIGN PATENT DOCUMENTS

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*PUBLICATION DATE	*COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
[Signature]	D16	WO 01/45720A1	06/2001	PCT Int'l (Abstract)			X	
	D17	WO 01/49219A1	07/2001	PCT Int'l				
	D18	WO 01/72233A1	10/2001	PCT Int'l (Abstract)			X	
	D19	WO 01/72244A1	10/2001	PCT Int'l (Abstract)			X	
	D20	WO 01/91818A1	12/2001	PCT Int'l (Abstract)			X	

OTHER ART

*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
[Signature]	E8	Aparicio, S.R. et al., Light and Electron Microscopy Studies on Homograft and Heterograft Heart Valves, J. Path., 115:147-162 (1975)
	E9	Baksa, J. et al., The Use of Pig's Skin (xenograft) for the Treatment of Burns, Magyar Traumatologia, 19:138-145 (1976)

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[Signature]	A49	6,087,141	07/2000	Margolis-Nunno et al.			
	A50	6,120,592	09/2000	Brault et al.			
	A51	6,159,490	12/2000	Deghenghi			
	A52	6,171,549	01/2001	Kent			
	A53	6,187,572	02/2001	Platz et al.			
	A54	6,190,855	02/2001	Herman et al.			
	A55	6,197,207	03/2001	Chapman et al.			
	A56	6,203,544	03/2001	Gotzen			
[Signature]	A57	6,214,534	04/2001	Horowitz et al.			
	A58	6,235,508	05/2001	Sowemimo-Coker et al.			

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	D21							
	D22							
	D23							
	D24							
	D25							

OTHER ART

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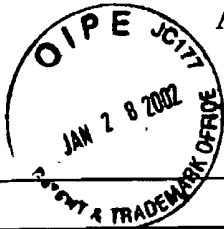
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